| r | | | | 1 | 1 | |
|----------|------|---------------------------|--|---------------------|---------|------------------|
| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
| S1 | 261 | tsuguo near2 fukuda.in. | EPO; JPO; DERWENT | OR | ON | 2007/08/08 12:58 |
| 52 | 6 | ehrentraut near2 dirk.in. | EPO; JPO; DERWENT | OR | ON | 2007/08/08 12:58 |
| S3 | 417 | akira near2 yoshikawa.in. | EPO; JPO; DERWENT | OR | ON | 2007/08/08 12:58 |
| S4 | 648 | S1 or S2 or S3 | EPO; JPO; DERWENT | OR | ON | 2007/08/08 12:58 |
| S5 | 249 | S4 and crystal | EPO; JPO; DERWENT | OR | ON | 2007/08/08 13:00 |
| S6 | 18 | S5 and gallium | EPO; JPO; DERWENT | OR | ON | 2007/08/08 13:02 |
| S7 | 2 | ("6273948").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/08 13:02 |
| S8 | 2 | ("6270569").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/08 13:02 |
| S9 | 5 | ("6592663").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/08 13:02 |
| S10 | 2 | ("5363799").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/08 13:03 |
| S11 | 2 | ("20040144300").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/08 13:03 |

| S12 | 2 | ("4397813").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/08 13:03 |
|-----|--------|---|--|----|-----|------------------|
| S13 | 2 | ("4496424").PN. ′ | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/08 13:03 |
| 514 | 2 | ("4539067").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/08 13:03 |
| S16 | 2 | ("4606037").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/08 13:04 |
| S17 | 2 | ("4586979").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/08 13:04 |
| S23 | 751941 | (("117") or ("257") or ("428") or ("438")).CLAS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/08 13:18 |
| S25 | 284 | (gallium with nitride) and substrate and (film or layer) and chamber and nitrogen and cataly\$3 and pattern | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 16:40 |

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| S26 | 141 | S25 and (platinum or iridium) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/09 08:52 |
| S27 | 109 | S26 and indium and aluminum | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 13:31 |
| 531 | 39 | S27 and S23 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 16:34 |
| S32 | 13 | S31 and melt | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 13:33 |
| 533 | 73 | (gallium with nitride) and substrate and (film or layer) and chamber and nitrogen and cataly\$3 and pattern and melt | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 13:38 |
| 534 | 35 | S33 and S23 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 13:34 |
| S36 | 159 | ((gallium with nitride) or GaN) and substrate and (film or layer) and chamber and nitrogen and cataly\$3 and melt | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 14:00 |

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| S37 | 63 | S36 and S23 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 14:03 |
| S46 | 789 | ((gallium with nitride) or GaN) and (substrate or wafer) and (film or layer) and chamber and nitrogen and cataly\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 16:40 |
| S47 | 474 | S46 and ((gallium or ga) with (melt or material)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 14:16 |
| S48 | 52 | S47 and (seed with crystal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 14:17 |
| S49 | 17 | S48 and S23 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 14:05 |
| S50 | 55 | S46 and ((gallium or ga) with (melt or molten)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/09 09:24 |
| S52 | 10 | S50 and seed and crystal | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 14:18 |

| S53 | 38 | (US-20040144300-\$ or | US-PGPUB; | OR | ON | 2007/08/08 14:29 |
|-----|----|---|--|----|-----|------------------|
| | | US-20070175383-\$ or US-20060046325-\$ or US-20040134429-\$ or US-20030134136-\$ or US-20020197825-\$ or US-20050042465-\$ or US-20020068201-\$).did. or (US-6273948-\$ or US-6270569-\$ or US-6592663-\$ or US-5363799-\$ or US-4397813-\$ or US-4496424-\$ or US-4539067-\$ or US-4606037-\$ or US-4586979-\$ or US-7189588-\$ or US-7011866-\$ or US-6924159-\$ or US-6592771-\$ or US-6958093-\$ or US-6969426-\$ or US-6527857-\$). did. or (WO-2005071143-\$).did. or (JP-59184798-\$ or JP-59184797-\$ or JP-59088393-\$ or JP-2003055098-\$ or JP-11322495-\$ or JP-11147797-\$ or JP-11147791-\$ | USPAT; EPO; JPO | | | |
| | | or JP-09328397-\$ or JP-09328396-\$ or JP-61136997-\$).did. | | | | |
| S54 | 6 | S53 and mesh | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/08/08 14:29 |
| S55 | 2 | ("6972051").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/08 16:35 |
| S56 | 2 | ("5868837").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/08 16:37 |
| S57 | 2 | ("4519966").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/08 16:37 |

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|-----|--------|---|--|----|-----|------------------|
| S58 | 447 | ((gallium with nitride) or GaN) and (substrate or wafer) and (film or layer) and nitrogen and cataly\$3 and ((gallium or ga) with (melt or molten or liquid)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 16:51 |
| S59 | 26 | S58 and (cataly\$4 with pattern) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 16:46 |
| S60 | 751941 | (("117") or ("257") or ("428") or ("438")).CLAS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/08 16:46 |
| S61 | 183 | S58 and S60 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 16:47 |
| S62 | 40 | ((gallium with nitride) or GaN) and (substrate or wafer) and (film or layer) and nitrogen and cataly\$3 and (gallium with (melt or molten or liquid)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 17:19 |
| S63 | 1 | 10/083613 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 16:59 |
| S64 | 380 | ((gallium with nitride) or GaN) and (substrate or wafer) and (film or layer) and nitrogen and (gallium with (melt or molten or liquid)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 17:19 |

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| S65 | 318 | S60 and S64 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 17:22 |
| S66 | 114 | S64 and (seed with crystal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 17:22 |
| S67 | 107 | S60 and S66 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 17:23 |
| S68 | 100 | S67 not S62 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 17:23 |
| S69 | 20 | S68 and (platinum or iridium) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/08 17:24 |

| S70 | 49 | (US-20070175383-\$ or | US-PGPUB; | OR | ON | 2007/08/09 08:51 |
|-----|----|---|--|----|-----|------------------|
| 5/0 | 49 | US-200/01/5383-\$ or US-20050042465-\$ or US-20020068201-\$ or US-20050072351-\$ or US-20050066878-\$ or US-20050087753-\$ or US-20040144300-\$ or US-20040089919-\$ or US-20030080345-\$ or US-20030080345-\$ or US-20030134136-\$ or US-20020197825-\$ or US-20040134429-\$).did. or (US-6972051-\$ or US-5868837-\$ or US-4539067-\$ or US-4496424-\$ or US-4586979-\$ or US-6969426-\$ or US-6958093-\$ or US-6527857-\$ or US-6633463-\$ or US-6527857-\$ or US-6270569-\$ or US-7189588-\$ or US-7011866-\$ or US-6592771-\$ or US-6270569-\$ or US-7189588-\$ or US-7011866-\$ or US-6592771-\$ or US-6273948-\$ or US-6592663-\$ or US-6273948-\$ or US-6592663-\$ or US-4397813-\$ or US-4606037-\$). did. or (WO-2005071143-\$).did. or (JP-2005206403-\$ or JP-2003055098-\$ or JP-11147797-\$ or JP-11322495-\$ or JP-61136997-\$ or JP-11322495-\$ or JP-59184797-\$ or JP-59184798-\$ or JP-59083999-\$ or JP-59184796-\$ or JP-59088393-\$).did. | USPAT; EPO; JPO | | | 2007/00/03 00.31 |
| S71 | 6 | S70 and mesh | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/08/09 10:04 |
| S72 | 15 | S70 and (platinum or iridium) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/09 09:22 |
| S73 | 2 | ("5363799").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/09 09:03 |

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| S74 | 2 | ("7221037").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/09 09:04 |
| S75 | 2 | 10/757864 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/09 09:04 |
| S76 | 13 | S70 and (alloy with gallium) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/09 09:22 |
| S77 | 4 | S70 and ((gallium or ga) with (melt or molten) with alloy) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/09 09:25 |
| 578 | 14 | S70 and ((gallium or ga) with alloy) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/09 09:25 |
| S79 | 1 | S78 not S76 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/09 09:25 |
| S80 | 24 | S70 and (plasma or catalyst) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/08/09 13:26 |

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| S81 | 49 | (US-20070175383-\$ or US-20050042465-\$ or US-20050042465-\$ or US-20020068201-\$ or US-20050072351-\$ or US-20050066878-\$ or US-20050087753-\$ or US-20040144300-\$ or US-20040089919-\$ or US-2005009310-\$ or US-20030080345-\$ or US-20030134136-\$ or US-20020197825-\$ or US-20040134429-\$).did. or (US-6972051-\$ or US-5868837-\$ or US-4539067-\$ or US-4496424-\$ or US-4539067-\$ or US-6969426-\$ or US-6958093-\$ or US-6527857-\$ or US-6633463-\$ or US-6527857-\$ or US-6270569-\$ or US-7189588-\$ or US-6270569-\$ or US-6592771-\$ or US-6270569-\$ or US-6592771-\$ or US-6924159-\$ or US-6592663-\$ or US-6273948-\$ or US-5363799-\$ or US-6273948-\$ or US-4606037-\$). did. or (WO-2005071143-\$).did. or (JP-2003055098-\$ or JP-11147797-\$ or JP-11147791-\$ or JP-09328397-\$ or JP-11147791-\$ or JP-09328397-\$ or JP-11322495-\$ or JP-61136997-\$ or JP-59184798-\$ or JP-59083999-\$ or JP-59184796-\$ or JP-59083999-\$ or JP-59184796-\$ or JP-59083999-\$ | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/08/09 13:27 |
| | | JP-59088393-\$).did. | | | | |
| S82 | 25 | S81 and thickness | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/08/09 13:27 |